Objective

1. To examine the choice of composites as an alternative to metall.
2. To create a 3-D model of centrifugal blower with the required specifications using 3-D-Modeling software CATIA v5.
3. Exporting the 3-D Model to HYPERMESH for the purpose of meshing.
4. Exporting the Mesh to ANSYS software wherein different analysis will be performed.
5. To analyze the strength, deformation and to evaluate the effectiveness of composites over metal blower for better noise control.